A2575-1 3/14/83

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *JANUARY* 28, 1983 **NO.** 4

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 01/28/83	Last Week Ending: 01/21/83	Last Year Week Ending: 01/29/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,477	11,415	11,774	+ 62	- 297
Operable capacity	16,814	16,814	17,822	0	- 1,008
Percent operated	68.3	67.9	66.1		
Motor Gasoline					
Total motor gasoline production	5,926	6,022	6,192	- 96	- 266
Finished leaded motor gasoline production	2,749	2,513	*N/A*	+ 236	*N/A*
Finished unleaded motor gasoline production	3,177	3,509	*N/A*	- 332	*N/A*
Total motor gasoline stocks	247,287	245,756	258,493	+ 1,531	- 11,206
Finished leaded motor gasoline stocks	103,438	99,830	*N/A*	+ 3,608	*N/A*
Finished unleaded motor gasoline stocks	99,368	99,724	100,451	- 356	- 1,083
Distillate Fuel Oil					
Distillate fuel oil production	2,383	2,338	2,589	+ 45	- 206
Distillate fuel oil stocks	165,546	172,486	166,663	- 6,940	- 1,117
Residual Fuel Oil					
Residual fuel oil production	1,085	981	1,244	+ 104	- 159
Residual fuel oil stocks	61,519	65,360	75,824	- 3,841	- 14,305
Imports					
Crude oil imports	3,227	3,042	3,142	+ 185	+ 85
Product imports	1,828	1,465	2,046	+ 363	- 218
Crude Oil Stocks					
Crude oil stocks	362,330	356,547	375,349	+ 5,783	- 13,019

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,199●	972	1,003	1,569	63.9
Appal. No. 1	78	72	74	98	75.5
DISTRICT 1 TOTAL	1,277●	1,044	1,077	1,667	64.6
Appal. No. 2	58	50	58	66	87.9
Ind., Ill., Ky.	1,912	1,724●	1,802	2,399	75.1
Minn., Wis., Daks	258	240	256	293	87.4
Okla., Kans., Mo.	730	631	636	858	74.1
DISTRICT 2 TOTAL	2,958	2,645●	2,752	3,616	76.1
Inland Texas	523	435	473	592	79.9
Texas Gulf Coast	2,817	2,516	2,583	4,164	62.0
La. Gulf Coast	2,011	1,897	1,954	2,708	72.2
N. La. and Ark.	176	150	165	314	52.5
New Mexico	82	68	75	117	64.1
DISTRICT 3 TOTAL	5,609	5,066	5,250	7,895	66.5
DISTRICT 4 TOTAL	434	397	402	553	72.7
DISTRICT 5 TOTAL	2,253	1,965	1,996	3,083	64.7
TOTAL U.S.	12,531	11,117	11,477	16,814	68.3
TOTAL U.S. Weeks Ended:					
JAN. 21, 1983	12,301●	11,108●	11,415	16,814	67.9
JAN. 29, 1982	12,490	11,531	11,774	17,822	66.1
DISTRICTS 1-4 Weeks Ended:					
JAN. 28, 1983	10,278	9,152	9,481	13,731	69.0
JAN. 21, 1983	10,227●	9,139●	9,433	13,731	68.7
JAN. 29, 1982	10,362	9,535	9,708	14,698	66.0

● SEE REVISIONS ON PAGE 7

API WEEKLY STATISTICAL BULLETIN
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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	562	216	346	20	20	252	164
Appal. No. 1	25	14	11	2	--	17	5
DISTRICT 1 TOTAL	587	230	357	22	20	269	169
Appal. No. 2	38	23	15	--	4	9	2
Ind., Ill., Ky.	1,052	454	598	12	96	356	87
Minn., Wis., Daks.	188	132	56	2	3	49	8
Okla., Kans., Mo.	423●	285●	138	18	19	163	13
DISTRICT 2 TOTAL	1,701●	894●	807	32	122	577	110
Inland Texas	243	117	126	24	27	95	25
Texas Gulf Coast	1,282	454	828	30	179	599	257
La. Gulf Coast	893	453	440	9	236	321	172
N. La. and Ark.	67	44	23	3	--	48	11
New Mexico	25	13	12	17	2	21	4
DISTRICT 3 TOTAL	2,510	1,081	1,429	83	444	1,084	469
DISTRICT 4 TOTAL	226	137	89	12	22	97	13
DISTRICT 5 TOTAL	902	407	495	44	203	356	324
TOTAL U.S.	5,926	2,749	3,177	193	811	2,383	1,085
TOTAL U.S. Weeks Ended:							
JAN. 21, 1983	6,022●	2,513●	3,509	155	801	2,338	981
JAN. 29, 1982	6,192	*N/A*	*N/A*	180	786	2,589	1,244
DISTRICTS 1-4 Weeks Ended:							
JAN. 28, 1983	5,024	2,342	2,682	149	608	2,027	761
JAN. 21, 1983	5,047●	2,097●	2,950	122	578	2,032	667
JAN. 29, 1982	5,296	*N/A*	*N/A*	144	547	2,249	894

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7*
NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended *JANUARY* 28, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	7,150	3,589	3,561	--	103	735	12,798	2,043	--
Central Atlantic	33,364	14,330	14,337	4,697	322	4,019	40,268	24,013	13,441
Lower Atlantic	28,236●	13,351●	14,873●	12	136	4,080	15,191	5,077	442
DISTRICT 1 TOTAL	68,750●	31,270●	32,771●	4,709	561	8,834	68,257	31,133	13,883
DISTRICT 2 TOTAL	74,596●	34,578●	29,645●	10,373	1,656	7,375	48,121	5,604	17,174
DISTRICT 3 TOTAL	64,995	22,795	24,117	18,083	2,204	10,939	32,390	15,155	49,716
DISTRICT 4 TOTAL	9,658	4,966	2,551	2,141	371	675	4,099	478	2,698
DISTRICT 5 TOTAL	29,288	9,829	10,284	9,175	1,067	5,628	12,679	9,149●	27,362
TOTAL U.S.	247,287	103,438	99,368	44,481	5,859	33,451	165,546	61,519	110,833
TOTAL U.S.									
Weeks Ended:									
JAN. 21, 1983	245,756	99,830	99,724	46,202	5,860	32,628	172,486	65,360●	106,155
JAN. 29, 1982	258,493	*N/A*	100,451	*N/A*	6,571	31,231	166,663	75,824	115,956
DISTRICTS 1-4									
Weeks Ended:									
JAN. 28, 1983	217,999	93,609	89,084	35,306	4,792	27,823	152,867	52,370	83,471
JAN. 21, 1983	216,292	89,879	89,116	37,297	4,716	26,994	160,217	55,568	80,034
JAN. 29, 1982	226,578	*N/A*	88,567	*N/A*	5,181	24,952	153,187	65,032	89,536

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7*

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *JANUARY* 28, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *SEP* 1982	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
JAN. 28, 1983	5,815.1	5,883.0	3,126	182	277,235
JAN. 21, 1983	5,815.1	--	2,873	202	273,208
JAN. 14, 1983	5,815.1	--	2,759	182	271,294
JAN. 7, 1983	5,824.1	--	2,618	182	269,166
DISTRICT 5 TOTAL					
JAN. 28, 1983	2,846.0	2,823.0	101	--	85,095 *
JAN. 21, 1983	2,846.0	--	169	--	83,339
JAN. 14, 1983	2,846.0	--	111	8	85,453
JAN. 7, 1983	2,795.7	--	307	20	75,801
TOTAL U.S.					
JAN. 28, 1983	8,661.1	8,706.0	3,227	182	362,330 *
JAN. 21, 1983	8,661.1	--	3,042	202	356,547
JAN. 14, 1983	8,661.1	--	2,870	190	356,747
JAN. 7, 1983	8,619.8	--	2,925	202	344,967
JAN. 29, 1982	8,585.1/A	--	3,142	153	375,349

*INCLUDES 29,047 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE ACTUAL FOR JANUARY 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
JAN. 28, 1983	20,196	77,801	164,444	14,794	277,235	85,095 *	362,330
JAN. 21, 1983	18,327	79,259	161,463	14,159	273,208	83,339	356,547
JAN. 29, 1982	20,820	83,873	165,124	14,374	284,191	91,158	375,349

[1]See definitional notes, Page 6.

API WEEKLY STATISTICAL BULLETIN
Week Ended JANUARY 28, 1983

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	195	9	--	--	204
Central Atlantic	141	83	58	3	3	86	304	11	14	84	652
Lower Atlantic	--	--	--	--	--	--	196	--	--	--	196
DISTRICT 1 TOTAL											
JAN. 28, 1983	141	83	58	3	9	86	695	20	14	84	1,052
JAN. 21, 1983	110	60	50	5	38	127	412	5	84	150	931
JAN. 14, 1983	149	97	52	3	5	95	509	6	25	161	953
JAN. 7, 1983	124	71	53	3	5	66	473	5	97	66	839
DISTRICTS 2–4 TOTAL											
JAN. 28, 1983	1	1	--	--	--	7	91	310	134	119	662
JAN. 21, 1983	--	--	--	--	--	--	106	258	54	24	442
JAN. 14, 1983	5	4	1	--	--	30	163	240	77	5	520
JAN. 7, 1983	4	1	3	--	--	1	56	215	369	98	743
DISTRICT 5 TOTAL											
JAN. 28, 1983	42	33	9	--	--	7	17	15	33	--	114
JAN. 21, 1983	38	24	14	--	1	7	21	14	4	7	92
JAN. 14, 1983	38	28	10	--	1	6	19	14	4	6	88
JAN. 7, 1983	36	23	13	--	1	7	19	15	9	8	95
TOTAL U.S.	184	117	67	3	9	100	803	345	181	203	1,828
TOTAL U.S. Weeks Ended:											
JAN. 21, 1983	148	84	64	5	39	134	539	277	142	181	1,465
JAN. 14, 1983	192	129	63	3	6	131	691	260	106	172	1,561
JAN. 7, 1983	164	95	69	3	6	74	548	235	475	172	1,677
JAN. 29, 1982	144	N/A	68	--	2	154	1,091	479	137	24	2,046

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of the week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

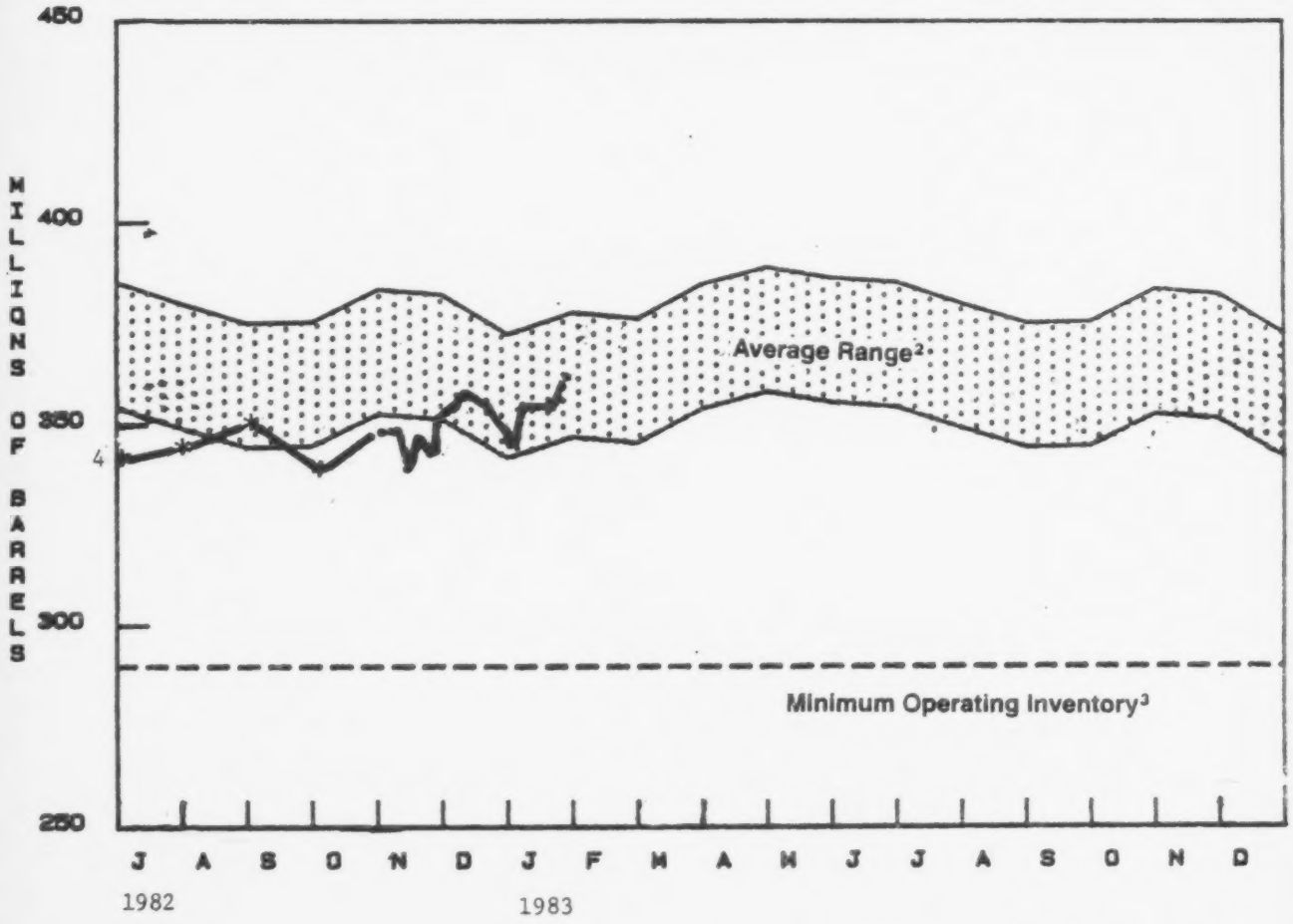
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

1/21/83	PAGE 1	TOTAL REFINERY INPUT	EAST COAST	1,210
			DISTRICT 1 TOTAL	1,281
			TOTAL U.S.	12,301
			DISTRICTS 1-4	10,227
		CRUDE OIL RUNS	IND., ILL., KY.	1,792
			DISTRICT 2 TOTAL	2,717
			TOTAL U.S.	11,108
			DISTRICTS 1-4	9,139
	PAGE 2	TOTAL MGAS	OKLA., KANS., MO.	401
			DISTRICT 2 TOTAL	1,783
			TOTAL U.S.	6,022
			DISTRICTS 1-4	5,047
		LEADED MGAS	OKLA., KANS., MO.	215
			DISTRICT 2 TOTAL	813
			TOTAL U.S.	2,513
			DISTRICTS 1-4	2,097
	PAGE 3	TOTAL MGAS	LOWER ATLANTIC	27,200
			DISTRICT 1 TOTAL	66,910
			DISTRICT 2 TOTAL	73,010
		LEADED MGAS	LOWER ATLANTIC	12,728
			DISTRICT 1 TOTAL	28,919
			DISTRICT 2 TOTAL	34,039
		UNLEADED MGAS	LOWER ATLANTIC	14,472
			DISTRICT 1 TOTAL	32,131
			DISTRICT 2 TOTAL	29,729
		RESIDUAL FUEL	DISTRICT 5 TOTAL	9,792
			TOTAL U.S.	65,360

Crude Oil Stocks at Primary Level[1]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

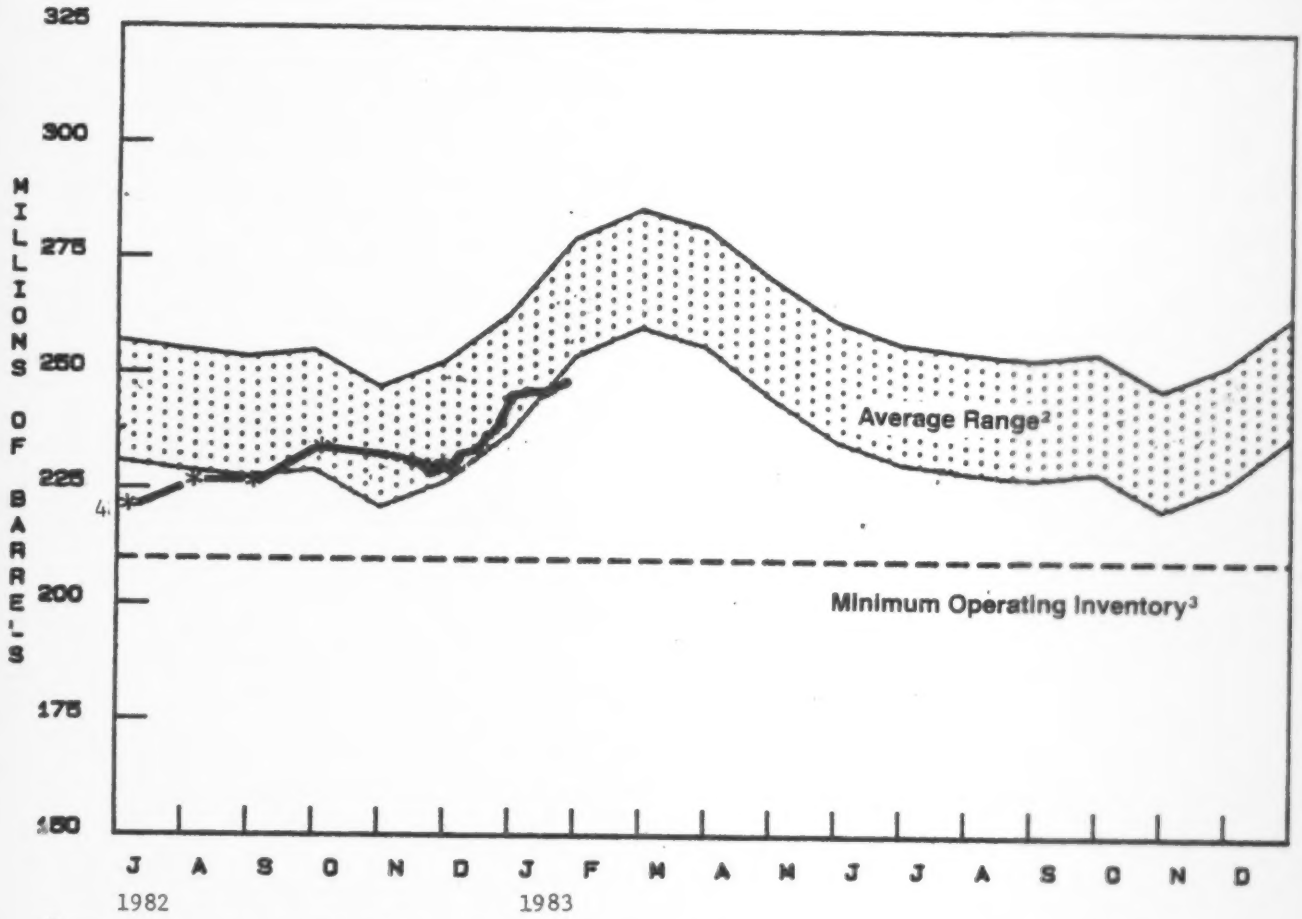
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended January 28, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

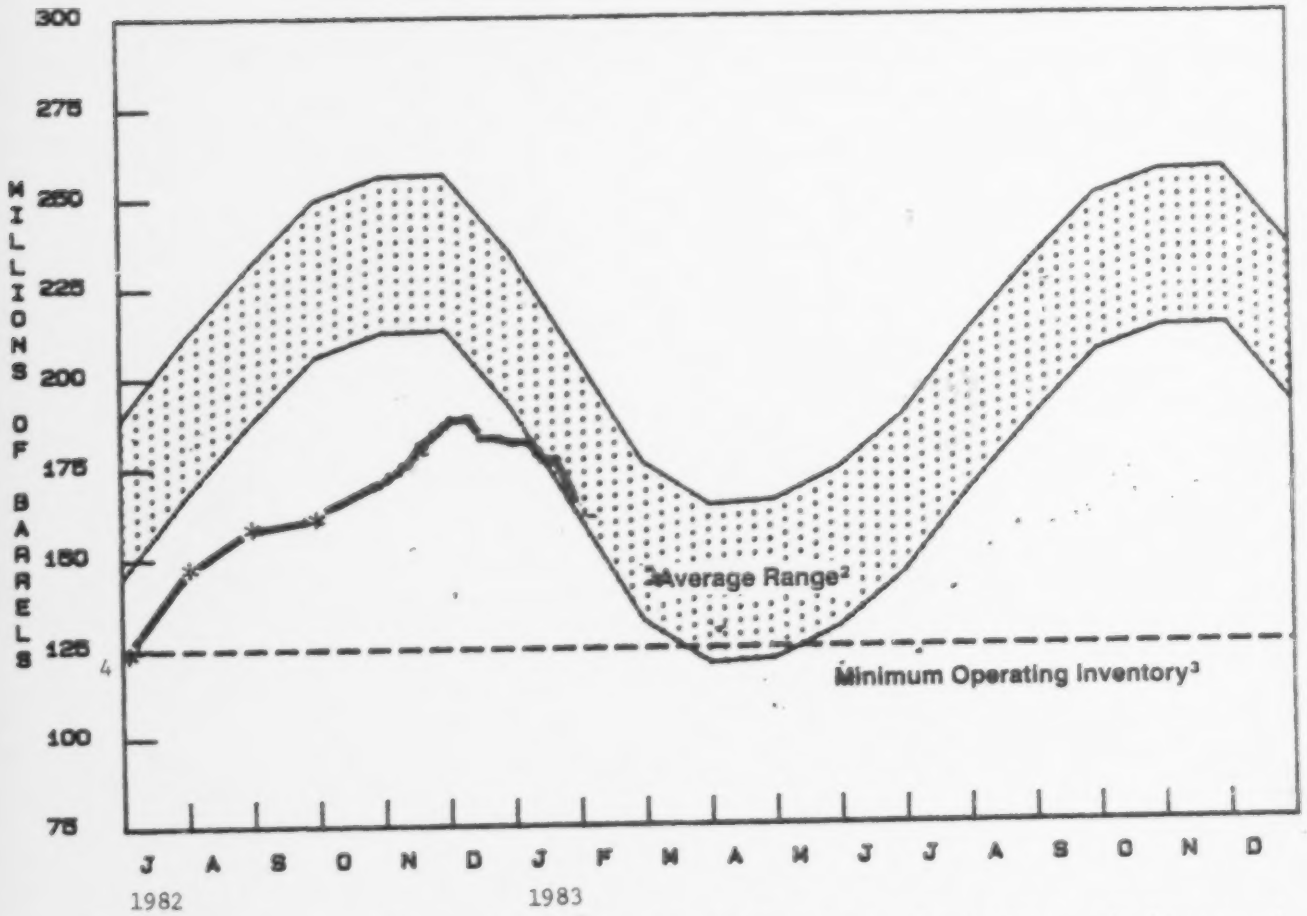
[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.